

**UTILITY PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42P17293  
(maximum 12 characters)First Named Inventor Nick LindertTitle: CONTROLLED FACETING OF SOURCE/DRAIN REGIONSExpress Mail Label No. EV 409 361 988 US**ADDRESS TO:** Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original and a duplicate for fee processing)
2.  **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3.  **Specification (Total Pages 18 - including title page)**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  **Drawings(s) (35 USC 113) (Total Sheets 6)**
5.  **Oath or Declaration (Total Pages 4)**
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i.  **DELETIONS OF INVENTOR(S)** Signed statement attached deleting  
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)  
and 1.33(b).
    - c.  Unsigned.
6.  **Application Data Sheet. (37 CFR 1.76)**
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  **Assignment Papers (cover sheet & documents(s))**

10.  a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)  
 b. Power of Attorney

11.  English Translation Document (if applicable)

12.  a. Information Disclosure Statement (IDS)/PTO-1449 (or PTO/SB/08)  
 b. Copies of IDS Citations

13.  **Preliminary Amendment**

14.  **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**

15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)

16.  **Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**

17A.  Claim for Foreign Priority

17B.  Other: Certificate of Express Mail with copy of itemized postcard.

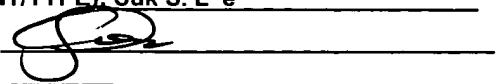
17C.  Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title (e.g., by way of preliminary amendment), or in an Application Data Sheet Under 37 C.F.R. 1.76:

Continuation  Divisional  Continuation-in-part (CIP)  
 Of Prior Application No.: \_\_\_\_\_ Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_  
 (which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_,  
 which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

**Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.**  
**For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**

19.  Correspondence Address  
 Customer Number or Bar Code Label 008791  
 or (Insert Customer No. or Attach Bar Code Label here)  
 Correspondence Address Below  
 NAME Michael A. Bernadicou  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
 ADDRESS 12400 Wilshire Boulevard  
Seventh Floor  
 CITY Los Angeles STATE California ZIP CODE 90025  
 Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-8383

Name (PRINT/TYPE): Suk S. Lee Registration No.: 47,745  
 Signature:  Date: December 31, 2003

## FEE TRANSMITTAL FOR FY 2004

(FY 2004 Begins 10/01/2003)

TOTAL AMOUNT OF PAYMENT (\$) 950.00

Complete if Known:

Application No. Not yet assigned  
 Filing Date Herewith (12/31/2003)  
 First Named Inventor Nick Lindert  
 Examiner Name Not yet assigned  
 Art Unit Not yet assigned  
 Attorney Docket No. 42P17293

 Applicant claims small entity status. See 37 CFR 1.27.

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None

Deposit Account

Deposit Account Number : 02-2666

Deposit Account Name: \_\_\_\_\_

The Director is Authorized to do the following with respect to the above-identified Deposit Account:

Charge fee(s) indicated below.

Credit any overpayments.

Charge any additional fees during the pendency of this application.

Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

Charge fee(s) indicated below except for the filing fee.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Description                    | Fee Paid      |
|--------------|--------------|------------------------------------|---------------|
| Fee          | Fee          | Fee                                | Fee           |
| Code         | (\$)         | Code                               | (\$)          |
| 1001         | 770          | 2001                               | 385           |
| 1002         | 340          | 2002                               | 170           |
| 1003         | 530          | 2003                               | 265           |
| 1004         | 770          | 2004                               | 385           |
| 1005         | 160          | 2005                               | 80            |
|              |              | Utility application filing fee     | <u>770.00</u> |
|              |              | Design application filing fee      | _____         |
|              |              | Plant filing fee                   | _____         |
|              |              | Reissue filing fee                 | _____         |
|              |              | Provisional application filing fee | _____         |

SUBTOTAL (1) \$ 770.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

|                             | Extra Claims       | Fee from<br>below | Fee Paid        |
|-----------------------------|--------------------|-------------------|-----------------|
| Total Claims <u>30</u>      | <u>- 20** = 10</u> | <u>X 18.00</u>    | <u>= 180.00</u> |
| Independent Claims <u>3</u> | <u>- 3** = 0</u>   | <u>X 86.00</u>    | <u>= .00</u>    |
| Multiple Dependent          |                    |                   |                 |

\*\*Or number previously paid, if greater; For Reissues, see below.

| Large Entity | Small Entity | Fee Description   |
|--------------|--------------|---|
| Fee          | Fee          | Fee   |
| Code         | (\$)         | Code  |
| 1202         | 18           | 2202 9  |
| 1201         | 86           | 2201 43   |
| 1203         | 290          | 2203 145  |
| 1204         | 86           | 2204 43   |
| 1205         | 18           | 2205 9  |
|              |              | Claims in excess of 20                                    |
|              |              | Independent claims in excess of 3                         |
|              |              | Multipl dependent claim, if not paid                      |
|              |              | **Reissue independent claims over original patent         |
|              |              | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$ 180.00

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| <u>Large Entity</u> |            | <u>Small Entity</u> |            |  |                 |
|---------------------|------------|---------------------|------------|--|-----------------|
| <u>Fee</u>          | <u>Fee</u> | <u>Fee</u>          | <u>Fee</u> | <u>Fee Description</u>   | <u>Fee Paid</u> |
| Code                | (\$)       | Code                | (\$)       |  |                 |
| 1051                | 130        | 2051                | 65         | Surcharge - late filing fee or oath  |                 |
| 1052                | 50         | 2052                | 25         | Surcharge - late provisional filing fee or cover sheet                     |                 |
| 1053                | 130        | 1053                | 130        | Non-English specification  |                 |
| 1812                | 2,520      | 1812                | 2,520      | For filing a request for ex parte reexamination                            |                 |
| 1813                | 8,800      | 1813                | 8,800      | Request for inter parties reexamination                                    |                 |
| 1804                | 920*       | 1804                | 920*       | Requesting publication of SIR prior to Examiner action                     |                 |
| 1805                | 1,840*     | 1805                | 1,840*     | Requesting publication of SIR after Examiner action                        |                 |
| 1251                | 110        | 2251                | 55         | Extension for reply within first month                                     |                 |
| 1252                | 420        | 2252                | 210        | Extension for reply within second month                                    |                 |
| 1253                | 950        | 2253                | 475        | Extension for reply within third month                                     |                 |
| 1254                | 1,480      | 2254                | 740        | Extension for reply within fourth month                                    |                 |
| 1255                | 2,010      | 2255                | 1,005      | Extension for reply within fifth month                                     |                 |
| 1401                | 330        | 2401                | 165        | Notice of Appeal   |                 |
| 1402                | 330        | 2402                | 165        | Filing a brief in support of an appeal                                     |                 |
| 1403                | 290        | 2403                | 145        | Request for oral hearing   |                 |
| 1451                | 1,510      | 1451                | 1,510      | Petition to institute a public use proceeding                              |                 |
| 1452                | 110        | 2452                | 55         | Petition to revive – unavoidable   |                 |
| 1453                | 1,330      | 2453                | 665        | Petition to revive - unintentional   |                 |
| 1501                | 1,330      | 2501                | 665        | Utility issue fee (or reissue)   |                 |
| 1502                | 480        | 2502                | 240        | Design issue fee   |                 |
| *1503               | 640        | 2503                | 320        | Plant issue fee  |                 |
| 1460                | 130        | 1460                | 130        | Petitions to the Commissioner  |                 |
| 1807                | 50         | 1807                | 50         | Processing fee under 37 CFR 1.17(q)  |                 |
| 1806                | 180        | 1806                | 180        | Submission of Information Disclosure Stmt                                  |                 |
| 8021                | 40         | 8021                | 40         | Recording each patent assignment per property (times number of properties) |                 |
| 1809                | 770        | 2809                | 385        | For filing a submission after final rejection (see 37 CFR 1.129(a))        |                 |
| 1814                | 110        | 2814                | 55         | Statutory Disclaimer   |                 |
| 1810                | 770        | 2810                | 385        | For each additional invention to be examined (see 37 CFR 1.129(b))         |                 |
| 1801                | 770        | 2801                | 385        | Request for Continued Examination (RCE)                                    |                 |
| 1802                | 900        | 1802                | 900        | Request for expedited examination of a design application                  |                 |
| 1504                | 300        | 1504                | 300        | Publication fee for early, voluntary, or normal pub.                       |                 |
| 1505                | 300        | 1505                | 300        | Publication fee for republication  |                 |
| 1803                | 130        | 1803                | 130        | Request for voluntary publication or republication                         |                 |
| 1808                | 130        | 1808                | 130        | Processing fee under 37 CFR 1.17(i) (except provisionals)                  |                 |
| 1454                | 1,330      | 1454                | 1,330      | Acceptance of unintentionally delayed claim for priority                   |                 |
| Other fee (specify) |            |                     |            |  |                 |
| Other fee (specify) |            |                     |            |  |                 |
|                     |            |                     |            | <b>SUBTOTAL (3) \$ .00</b>   |                 |

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Suk S. Lee  
 Signature:  Date: December 31, 2003  
 Reg. Number: 47,745 Telephone Number: (408) 720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Serial/Patent No.: Not yet assigned Filing/Issue Date: Herewith  
Client: Intel Corporation  
Title: Controlled Faceting of Source/Drain Regions

BSTZ File No.: 042390.P17293 Atty/Secty Initials: MAB/SSL/den  
Date Mailed: December 31, 2003 Docket Due Date: \*\*\*

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

Amendment/Response (\_\_\_\_ pgs.)  Express Mail No. **EV409361988-US**  Check No. **62130**  
 Appeal Brief (\_\_\_\_ pgs.) (in triplicate)  Month(s) Extension of Time Amt: **950.00**  
 Application - Utility **18** pgs., with cover and abstract  Information Disclosure Statement & PTO-1449 (\_\_\_\_ pgs.)  Check No. \_\_\_\_\_  
 Application - Rule 1.53(b) Continuation (\_\_\_\_ pgs.)  Issue Fee Transmittal Amt: \_\_\_\_\_  
 Application - Rule 1.53(b) Divisional (\_\_\_\_ pgs.)  Notice of Appeal \_\_\_\_\_  
 Application - Rule 1.53(b) CIP (\_\_\_\_ pgs.)  Petition for Extension of Time \_\_\_\_\_  
 Application - Rule 1.53(d) CPA Transmittal (\_\_\_\_ pgs.)  Petition for \_\_\_\_\_  
 Application - Design (\_\_\_\_ pgs.)  Postcard \_\_\_\_\_  
 Application - PCT (\_\_\_\_ pgs.)  Power of Attorney (\_\_\_\_ pgs.) \_\_\_\_\_  
 Application - Provisional (\_\_\_\_ pgs.)  Preliminary Amendment (\_\_\_\_ pgs.) \_\_\_\_\_  
 Assignment and Cover Sheet  Reply Brief (\_\_\_\_ pgs.) \_\_\_\_\_  
 Certificate of Mailing **Express w/PC**  Response to Notice of Missing Parts \_\_\_\_\_  
 Declaration & POA (\_\_\_\_ pgs.) **Unsigned**  Small Entity Declaration for Indep. Inventor/Small Business \_\_\_\_\_  
 Disclosure Docs & Orig & Copy of Inventor's Signed Letter (\_\_\_\_ pgs.)  Transmittal Letter, **XXXX Utility** \_\_\_\_\_  
 Drawings: **6** # of sheets includes **6** figures  Fee Transmittal, in duplicate \_\_\_\_\_

Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Certificate of Express Mail

"Express Mail" mailing label number: EV 409 361 988 US

Date of Deposit: December 31, 2003

I hereby certify that I am causing this paper or fee, and the documents indicated on the postcard above, to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to: MS: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Dianne Neathery

(Typed or printed name of person mailing paper or fee)

Dianne Neathery  
(Signature of person mailing paper or fee)

12/31/03  
(Date)